BRUHATH BANGALORE MAHANAGARA PALIKE

YALAHANKA ELECTRICAL DIVISION

E MEASUREMENT BOOK

Name of work:- arranging power supply to an extent of 600KVA Under HT Installation for Sewage treatment plant in favour of M/s BEL. Thindlu Yelahanka Bangaluru-97 in O and M 22A C9 Sub division Under SELF EXECUTION.
(Arranging power supply to an extent of 600KVA Under HT Installation at Doddabomasandra lake Sewage Treatment plant in ward No 10.)

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Byatarayanapura, Bangalore-92

BRUHATH BANGALORE MAHANAGARA PALIKE

Yalahanka ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work: :- arranging power supply to an extent of 600KVA Under HT Installation for Sewage treatment plant in favour of M/s BEL. Thindlu Yelahanka Bangaluru-97 in O and M 22A C9 Sub division Under SELF EXECUTION. (Arranging power supply to an extent of 600KVA Under HT Installation at Doddabomasandra lake Sewage Treatment plant in ward No 10.)

Name of Contractror of nature of Agency:- Sri. Madhusudhan A N (Suraksha Electricals),

Job Code No:- 010-19-000012

Ref no and Date of commencement of work:-EE:(Project)/Ynk Zone/WO/0000183/2019-20Date:- ~~28/08/2019~~ 8/1/2019

Measurement Book No: 2566/2018-19 **Page No:** 256590 to 595.

Bill NO :-

Sl. No.		Unit	Present Measurements		
			Qty	Tender Full Rate	Cost
1	Supplaying of 4 Way RMU, 2OD + 2VL (One Incomer + TWo Breakers + One Outgoing) with DAS Specification as per BESCOM Specification	No	1	934752.00	934752.00
	In Side The lake compound Near Nanjappa circle				
2	Supplaying of Spun pole 11.0 mtr long as per BESCOM Specification	No	4	18872.00	75488.00
	Tapping F10 Gokula feeder 2 Nos				
	Tapping Near RMV Sahakaranagar Feedwr 1 No				
	TC Yard 1No				
3	Supplaying of H Frame set for 11KV 400A Double break GOS mounting as per BESCOM Specification	SET	6	4170.88	25025.28
4	Supplaying of 11kV G.O.S 400A Double break as per BESCOM Specification	Set	6	19650.40	117902.40
	TC Yard 3Nos				
	Tapping points 3Nos				
5	Supplaying of Earthing materials as per BESCOM Specification	No.	6	1681.12	10086.72
	For RMV 2Nos				
	Tc Spun Pole 2Nos				
	Tapping Spunpoles 3Nos				
6	Erection of 4 Way RMU, 2OD + 2VL (One Incomer + TWo Breakers + One Outgoing) with DAS Specification as per BESCOM Specification	No	1	5568.64	5568.64
7	Erection of Supplaying of Spun pole 11.0 mtr long as per BESCOM Specification	No	4	1848.00	7392.00
8	Erection ofH Frame set for 11KV 400A Double break GOS mounting as per BESCOM Specification	SET	6	235.20	1411.20
9	Erection of11kV G.O.S 400A Double break as per BESCOM Specification	Set	6	712.32	4273.92
10	Erection of Earthing materials as per BESCOM Specification	No.	6	567.84	3407.04
11	Digging of pit for providing GI pipe type earthing	Per pit	6	563.36	3380.16
12	Pole Base 11mt spun pole concreting	base	4	817.60	3270.40
13	Supplaying of Load Break Switch 11 KV class as per BESCOM Specification	Nos	1	63436.80	63436.80
14	Construction of plat form (1.5x1.5x1.2) mtr in size stone, for erection of transformers/ Heavy equipment including all materials,labour as per BESCOM Specification	per structure	2	29569.12	59138.24
15	Supplaying of Earthing materials as per BESCOM Specification	No.	3	1681.12	5043.36
16	Supplaying of Straight through jointing kit 3X95 Sq mm as per BESCOM Specification	No.	8	7258.72	58069.76
17	Supplaying of Cable termination kit 3X95 Sq mm XLPE indoor as per BESCOM Specification	set	5	3717.28	18586.40

Assistant Executive Engineer (Ele)
BBMP, Bangalore

	in Side RMU 2 Nos in coming				
	2 Nos out Going				
18	Supplaying of Cable termination kit 3X95 Sq mm XLPE outdoor as per BESCOM Specification	set	5	4037.60	20188.00
	Tapping spunpoles 4No				
	Transformer Yard Spun pole 2 Nos				
19	Supplaying of GI Pipe 100mm Dia for drain crossing, cable rising etc	mtr	12	1391.04	16692.48
20	Supplaying of River Sand	cmt	90	1904.00	171360.00
21	Supplaying of Cable Covering Tiles 125x125x40 mm	per 1000	12	5600.00	67200.00
	All allong the Cable				
22	Cable trench excavation (0.75x1.0x1.5KM CABLE LENGHT)	Cmt	1124	253.12	284506.88
	From STP to RMV & Tapping Spun pole Near Nanjapp Circle Lake Entrance				
23	Supplaying of RCC Hume pipe 2000mm long, 150mm dia	No.	43	336.00	14448.00
24	Supplaying of Collars for RCC Hume pipe	No.	40	89.60	3584.00
25	Supplaying of Route and Joint indicating stones	No.	30	145.60	4368.00
26	Erection of Load Break Switch 11 KV class as per BESCOM Specification	Nos	1	2327.36	2327.36
27	Erection of 11kV HT Metering cubicle of different CT Ratio, Both side cable entry type with 3CT & 3PTs, With Transparent Cover TTB, with 30x8mm Cu Bus bars, Modem and 2 Nos of Meters for 3Ph 4 Wire Metering without Load Break Switch (HT Metering Box Fabricated out of 3mm MS Sheet duly epoxy powder coated) as per revised Specification as per BESCOM Specification	Nos	0	1527.68	0.00
28	Erection of Earthing materials as per BESCOM Specification	No.	3	563.36	1690.08
29	Erection of Straight through jointing kit 3X95 Sq mm as per BESCOM Specification	No.	8	2088.80	16710.40
30	Erection of Cable termination kit 3X95 Sq mm XLPE indoor as per BESCOM Specification	set	5	1914.08	9570.40
31	Erection of Cable termination kit 3X95 Sq mm XLPE outdoor as per BESCOM Specification	set	5	1914.08	9570.40
32	Erection of GI Pipe 100mm Dia for drain crossing, cable rising etc	mtr	12	56.00	672.00
33	Spredding of River Sand	cmt	90	187.80	16902.00
34	laying of Cable Covering Tiles 125x125x40 mm	per 1000	12	3206.56	38478.72
35	laying of RCC Hume pipe 2000mm long, 150mm dia	No.	43	49.28	2119.04
36	Erection of Route and Joint indicating stones	No.	30	84.00	2520.00
37	Refilling and consolidation	Cmt	825	56.00	46200.00
38	HT Cable GROUP A: Supplying and laying of high tension 11KV cable, Dry Curing & Dry Cooling with true triple extrusion, simultaneously through a single common head, 3 core under ground XLPE (E) cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up extruded inner sheathed of GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to the GTP of GROUP-A 3Cx95sqmm	mtr	2998	1164.80	3492070.40
	Gokul feeder Spun pole to RMV 280 Mtrs				
	Sahakarnagar feeder spun pole to 40 Mtrs				
	RMV to Transformer Yard 2 Runs x 1480 Mtrs = 2960 mtrs				
	Total 3280 Mtrs				
	Total Rs				**5617410.48**

CERTIFICATE:

1. This is certify that the work done is saticefactorily.
2. This is certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Byatarayanapura, Bangalore-92